

WHAT THE INVENTION CLAIMED IS:

1. An electrical connector with grounding structure, which comprises:

an insulating body, for providing a plurality of transmitting terminals inserted therein;

5 a cable assembly, comprising predetermined transmitting units positioned over said transmitting terminals and a jacket layer with fixing and conducting effect enclosed outside said transmitting units;

a grounding part, comprising a contacting part for contacting with said jacket layer, and comprising predetermined grounding terminals extended directly

10 from said contacting part for inserting into said insulating body; and

an outer jacket, for enclosing all aforesaid elements inside;

thereby, said cable assembly of said electrical connector has grounding effect without any grounding line positioned inside cable assembly.

2. The electrical connector with grounding structure as claimed in claim 1,

15 wherein it further comprises conducting part enclosed over said jacket layer and said grounding part to improve the contact effect.

3. The electrical connector with grounding structure as claimed in claim 2, wherein said conducting part is made of metal material with electrical characteristics such as copper sheet or copper ring.

20 4. The electrical connector with grounding structure as claimed in claim 1, wherein said jacket layer is an aluminum foil Mylar, preferably.

5. The electrical connector with grounding structure as claimed in claim 1, wherein said grounding part is made of an electrical contact material.

25 6. The electrical connector with grounding structure as claimed in claim 1, wherein said both sides of said contacting portion further comprise a wing portion respectively to provide pressing and fitting, so as to cause said grounding part and said jacket layer having better conducting effect.

7. A electrical connector with grounding structure, which comprises:

an insulating body, for providing a plurality of transmitting terminals inserted therein;

a cable assembly, comprising predetermined transmitting units positioned over said transmitting terminals and a jacket layer with fixing and conducting effect enclosed outside said transmitting units; and a metal braid with electrical effect enclosed said jacket layer, and an opening end of said metal braid and said metal braid being bent from inwardly to outwardly and extended outside said cable assembly; and

a grounding part, comprising a contacting part for contacting with said jacket layer, and comprising predetermined grounding terminals extended directly from said grounding part for inserting into said insulating body;

two conducting parts, wherein, one conducting part is used to enclose said jacket layer and said conducting part of said grounding portion more tightly, and an insulating layer is enclosed over said conducting part; while another conducting part is used to enclose over said metal braid ;

a metal housing used to hold aforesaid elements, wherein, one end of said metal housing has a holding portion mainly using to hold said metal braid and said conducting part enclosed outside; and

an outer jacket used to enclosed aforesaid elements;

thereby, said cable assembly of said electrical connector besides has grounding effect and generates second channel grounding effect without any grounding line positioned inside cable assembly.

8. The electrical connector with grounding structure as claimed in claim 7, wherein said jacket layer is an aluminum foil Mylar.

9. The electrical connector with grounding structure as claimed in claim 7, wherein said grounding part is made of an electrical contact material.

10. The electrical connector with grounding structure as claimed in claim 7, wherein said conducting part is made of metal material with electrical

characteristics such as copper sheet or copper ring.

11. The electrical connector with grounding structure as claimed in claim 7, wherein said insulating layer is an insulating gummed tape.

5 12. The electrical connector with grounding structure as claimed in claim 7, wherein said both sides of said contacting portion further comprise a wing portion respectively to provide pressing and fitting, so as to cause said grounding part and said jacket layer having better conducting effect.